

## WEST Search History

DATE: Thursday, September 26, 2002

| <u>Set Name</u>                                      | <u>Query</u>                                                                                           | <u>Hit Count</u> | <u>Set Name</u> |
|------------------------------------------------------|--------------------------------------------------------------------------------------------------------|------------------|-----------------|
| side by side                                         |                                                                                                        | result set       |                 |
| <i>DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=ADJ</i> |                                                                                                        |                  |                 |
| L17                                                  | L16 AND (QUATERNARY ADJ AMMONIUM ADJ COMPOUND\$)                                                       | 4                | L17             |
| L16                                                  | L15 AND ANTI ADJ MICROBIAL\$                                                                           | 21               | L16             |
| L15                                                  | WIPE\$.TI.                                                                                             | 19999            | L15             |
| L14                                                  | L13 AND (ANTI ADJ MICROBIAL)                                                                           | 19               | L14             |
| L13                                                  | L12 AND LATEX                                                                                          | 119              | L13             |
| L12                                                  | WIPE\$ AND (QUATERNARY ADJ AMMONIUM ADJ COMPOUND\$)                                                    | 630              | L12             |
| L11                                                  | L10 AND LATEX\$                                                                                        | 455              | L11             |
| L10                                                  | (WIPE\$ OR SANITISE\$ OR SANITIZER\$ OR TISSUE\$ OR CLOTH\$)AND QUATERNARY ADJ AMMONIUM ADJ COMPOUND\$ | 4571             | L10             |
| L9                                                   | L8 AND LATEX ADJ ADHESIVE                                                                              | 3                | L9              |
| L8                                                   | (WIPE\$ OR SANITISE\$ OR SANITIZER\$ OR TISSUE\$ OR CLOTH\$)AND CALCIUM ADJ HYPOCHLORITE\$             | 585              | L8              |
| L7                                                   | L6 AND LATEX\$                                                                                         | 9                | L7              |
| L6                                                   | WIPE\$ AND CALCIUM ADJ HYPOCHLORITE\$                                                                  | 50               | L6              |
| L5                                                   | WIPE\$ AND (SILVER ADJ ZEOLITE)                                                                        | 13               | L5              |
| L4                                                   | L3 AND (LATEX ADJ ADHESIVE)                                                                            | 2                | L4              |
| L3                                                   | L2 AND (SILVER ADJ ZEOLITE)                                                                            | 43               | L3              |
| L2                                                   | (WIPER OR SANITISER OR SANITIZER OR TISSUE OR CLOTH)                                                   | 511715           | L2              |
| L1                                                   | (HYCAR ADJ RLP ADJ RESIN)                                                                              | 1                | L1              |

END OF SEARCH HISTORY

09/1451499.

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| <u>Set Name</u>     | <u>Query</u>                                                                                     | <u>Hit Count</u> | <u>Set Name</u> |
|---------------------|--------------------------------------------------------------------------------------------------|------------------|-----------------|
|                     |                                                                                                  |                  | result set      |
| <i>side by side</i> |                                                                                                  |                  |                 |
|                     | <i>DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=ADJ</i>                                             |                  |                 |
| L9                  | L6 and blade adj appl\$                                                                          | 0                | L9              |
| L8                  | L6 and foam adj apply\$                                                                          | 0                | L8              |
| L7                  | L6 and print adj crepe\$                                                                         | 0                | L7              |
| L6                  | ( web or sheet or paper or wipe or wiper or cloth or tissue) and antimicrobial adj formulation\$ | 91               | L6              |
| L5                  | L1 and foam adj apply\$                                                                          | 0                | L5              |
| L4                  | l1 and print adj crepe\$                                                                         | 0                | L4              |
| L3                  | L2 and spray\$                                                                                   | 10               | L3              |
| L2                  | L1 and ( web or sheet )                                                                          | 17               | L2              |
| L1                  | antimicrobial adj formulation\$                                                                  | 159              | L1              |

END OF SEARCH HISTORY

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## Search Results - Record(s) 1 through 4 of 4 returned.

1. 20020022050. 22 Dec 00. 21 Feb 02. Wiper containing a controlled-release anti-microbial agent. Anderson, Ralph L., et al. 424/443; 424/617 424/618 424/661 A61K009/70 A61K033/24 A61K033/38 A61K033/14.
- 
2. 5094770. 03 Aug 90; 10 Mar 92. Method of preparing a substantially dry cleaning wipe. Sheridan; Christopher H., et al. 15/104.93; 252/88.2 510/238 510/241 510/242 510/244 510/394. C11D011/00 C11D001/62 C11D001/835 C11D017/06.
- 
3. 4946617. 15 Nov 88; 07 Aug 90. Substantially dry cleaning wipe capable of rendering a cleaned surface static free. Sheridan; Christopher H., et al. 15/104.93; 252/88.2 510/394 510/413 510/504 510/505. C11D001/62 C11D001/835 C11D017/00 C11D017/06.
- 
4. 4941995. 05 Jul 88; 17 Jul 90. Natural preservative composition for wet wipes. Richards; Marc F.. 252/407; 426/655. A61F013/15.

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| Term                                                                         | Documents |
|------------------------------------------------------------------------------|-----------|
| QUATERNARY.DWPI,EPAB,JPAB,USPT,PGPB.                                         | 103312    |
| QUAT.DWPI,EPAB,JPAB,USPT,PGPB.                                               | 21634     |
| AMMONIUM.DWPI,EPAB,JPAB,USPT,PGPB.                                           | 353592    |
| AMMONIUMS.DWPI,EPAB,JPAB,USPT,PGPB.                                          | 631       |
| AMMONIA.DWPI,EPAB,JPAB,USPT,PGPB.                                            | 185086    |
| AMMONIAS.DWPI,EPAB,JPAB,USPT,PGPB.                                           | 139       |
| COMPOUND\$                                                                   | 0         |
| COMPOUND.DWPI,EPAB,JPAB,USPT,PGPB.                                           | 1244123   |
| COMPOUNDA.DWPI,EPAB,JPAB,USPT,PGPB.                                          | 17        |
| COMPOUNDABILITY.DWPI,EPAB,JPAB,USPT,PGPB.                                    | 42        |
| COMPOUNDABILITY-INDICATING.DWPI,EPAB,JPAB,USPT,PGPB.                         | 4         |
| (L16 AND (QUATERNARY ADJ AMMONIUM ADJ COMPOUND\$)).USPT,PGPB,JPAB,EPAB,DWPI. | 4         |

[There are more results than shown above. Click here to view the entire set.](#)[Previous Page](#)[Next Page](#)

L3: Entry 38 of 43

File: JPAB

Aug 6, 1996

PUB-N0: JP408196461A  
DOCUMENT-IDENTIFIER: JP 08196461 A  
TITLE: ANTIBACTERIAL WIPER

PUBN-DATE: August 6, 1996

## INVENTOR-INFORMATION:

| NAME            | COUNTRY |
|-----------------|---------|
| NAKAMURA, KENJI |         |

## ASSIGNEE-INFORMATION:

| NAME           | COUNTRY |
|----------------|---------|
| NAKAMURA KENJI |         |

APPL-NO: JP07027390

APPL-DATE: January 23, 1995

INT-CL (IPC): A47 K 7/00; A47 K 7/00; A01 N 59/16; A47 L 13/17; A61 L 2/16

## ABSTRACT:

PURPOSE: To keep an antiseptic property effective on the wiped part and an antibacterial property preventing mold for a long time, by impregnating the base of a wiper with silver based inorganic antibacterial fine particles, using modified chitosan collagen modified with fatty acid, as a stable homogeneous dispersion for water.

CONSTITUTION: An ion-exchange silver based inorganic compound, such as silver zeolite, silver phosphoric acid zirconium, silver apatite and so on, is used as silver based inorganic antibacterial chemicals. To disperse the inorganic antibacterial chemicals stably in water dispersion, a wiper, whose base is impregnated with a water dispersed liquid including a modified fusible chitosan collagen of 0.05-5% by weight produced by modifying chitosan and collagen with fatty acid, should be used for a human being. Another wiper, whose base includes silver inorganic antibacterial chemicals using a mixed liquid including protective colloid of more than 0.05% by weight, a detergent of more than 0.05% by weight, and ethylene glycol of more than 0.1% by weight in addition to the modified chitosan collagen a dispersing stabilizer, should be used as an objective wiper.

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NAKAMURA, KENJI

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## Search Results - Record(s) 1 through 1 of 1 returned.

1. 20020022050 . 22 Dec 00. 21 Feb 02. Wiper containing a controlled-release anti-microbial agent. Anderson, Ralph L., et al. 424/443; 424/617 424/618 424/661 A61K009/70 A61K033/24 A61K033/38 A61K033/14.

| Term                                                  | Documents |
|-------------------------------------------------------|-----------|
| HYCAR.DWPI,EPAB,JPAB,USPT,PGPB.                       | 1969      |
| HYCARS.DWPI,EPAB,JPAB,USPT,PGPB.                      | 2         |
| RLP.DWPI,EPAB,JPAB,USPT,PGPB.                         | 590       |
| RLPS.DWPI,EPAB,JPAB,USPT,PGPB.                        | 40        |
| RESIN.DWPI,EPAB,JPAB,USPT,PGPB.                       | 1480010   |
| RESINS.DWPI,EPAB,JPAB,USPT,PGPB.                      | 296762    |
| (HYCAR ADJ RLP ADJ RESIN).USPT,PGPB,JPAB,EPAB,DWPI.   | 1         |
| ((HYCAR ADJ RLP ADJ RESIN)).USPT,PGPB,JPAB,EPAB,DWPI. | 1         |

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